Océ Publication type

Océ TCS300

User manual

Océ Technologies B.V.

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Edition: 2006-08

US

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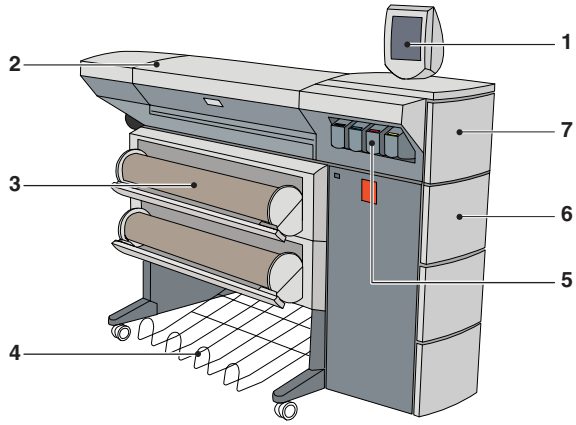
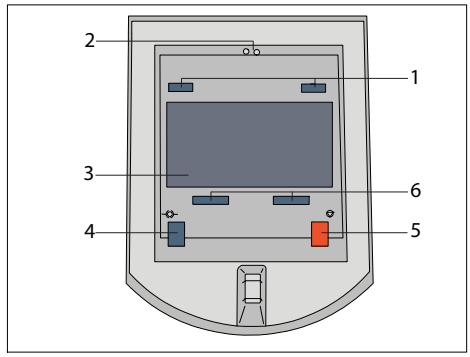
Chapter 1
Get to know the system

Overview of the system components



Number	Component	Function
1	The printer operator panel	Define the system settings and view the status information of the printer
2	The top cover	Give access to the carriage with the printheads
3	The media rolls	Provide the media for the output
4	The integrated receiving tray	Receive the output
5	The ink tanks	Provide the ink for the output
6	The controller door	Give access to the integrated Océ Power Logic® controller
7	The maintenance door	Give access to the maintenance cassette

Overview of the printer operator panel

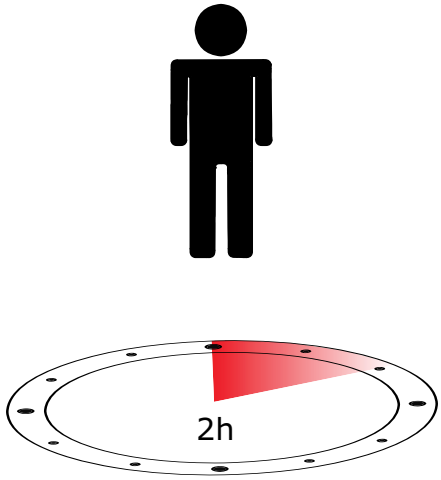


Number	Component
1	The upper softkeys
2	The red attention LEDs
3	The screen
4	The on-line / off-line key with green LED
5	The stop key
6	The lower softkeys

Chapter 2
Check installation requirements

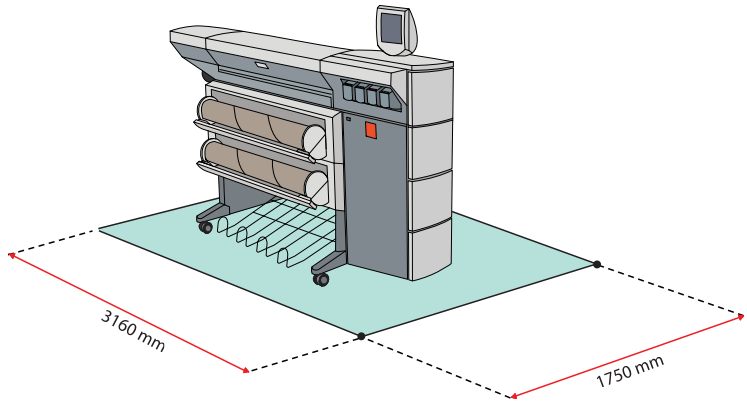
Duration of the installation

One person can install the complete system in about 2 hours.



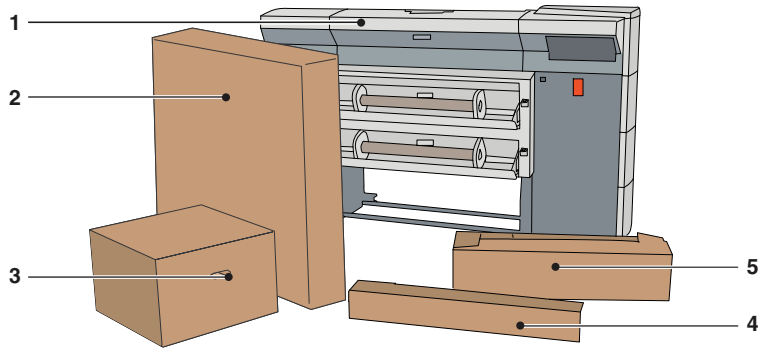
Printer working area

The Océ TCS300 requires a floor space / working area of at least 3160 mm x 1750 mm (125 inch x 70 inch).



Delivered parts

Please check if you have received the following parts.



	Description	Includes
1	The printer	
2	Box A	■ Integrated receiving tray ■ 4 PE tray supports
3	Box B	■ The Océ Power Logic® controller ■ Data cable (UTP cable with RJ45 connectors)
4	Box C	■ Media roll
5	Box D	■ 1 maintenance cassette ■ 9 printheads ■ 4 ink tanks ■ 1 printer operator panel ■ 4 leg covers ■ 2 cable ties

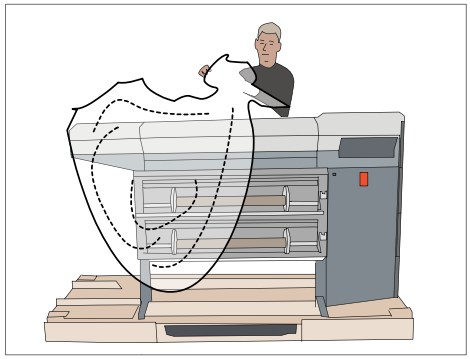
Required tools

	Description
1	Side cutter, knife, pair of scissors or a pair of pincers
2	Open-end wrench 17 mm

Chapter 3
Install the system

Unpack the printer

1. Remove the cardboard box and the PE bag from the printer.

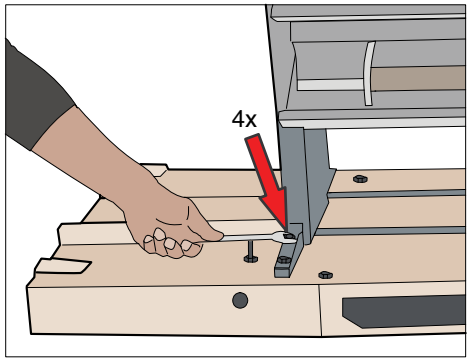


[7]

Remove the boxes C and D from the pallet.

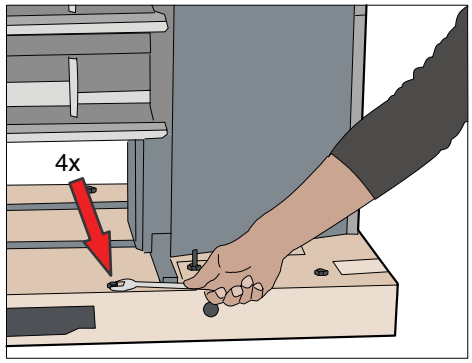
Attention:
Remove the 9 printheads out of box D. Before you can use the printheads, the printheads must be adapted to the environmental conditions.

2. Remove the 4 bolts (17 mm) that fix the printer to the pallet (2 at the front side, 2 at the back side).



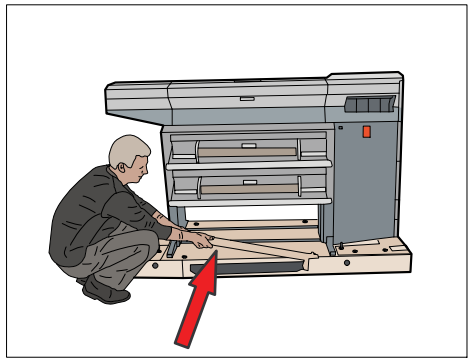
[8]

3. Remove the 4 bolts (17 mm) from the wooden bars (2 at the front side, 2 at the back side).



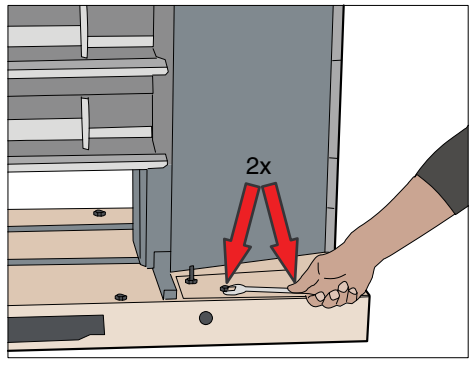
[9]

4. Remove the 2 wooden bars (1 at the front side, 1 at the back side).



[10]

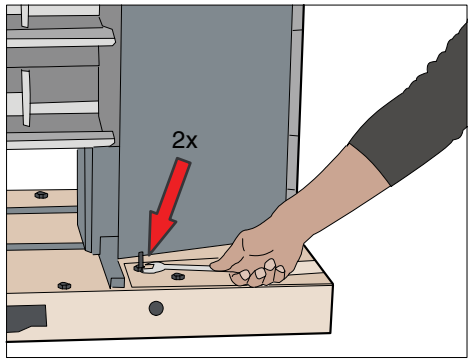
5. Remove the 4 bolts (17 mm) from the right-hand side of the pallet (2 at the front side, 2 at the back side).



[11]

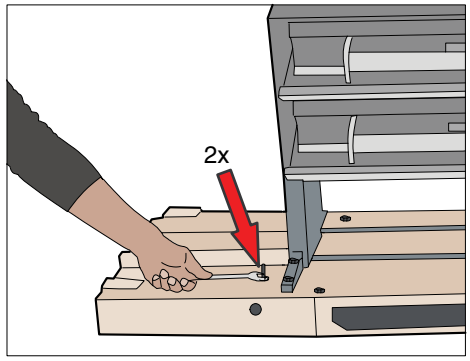
Note:
Make sure that the printer wheels are in the position as indicated in the illustration in step 8. You can reach into the pallet to adjust the position of the wheels.

6. Loosen the 2 long bolts (17 mm) at the right-hand side of the printer (1 at the front side, 1 at the back side) until the printer is on its wheels.



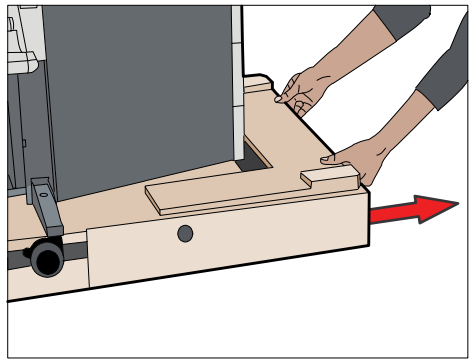
[12]

7. Remove the 2 long bolts (17 mm) at the left-hand side of the printer (1 at the front side, 1 at the back side).



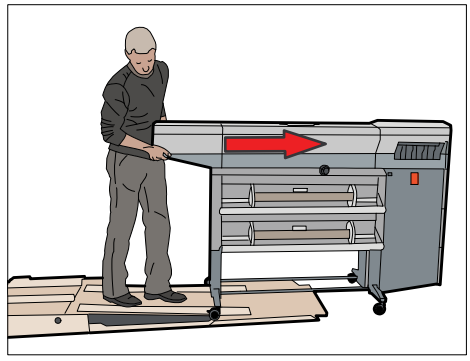
[13]

8. Remove the short part of the pallet.



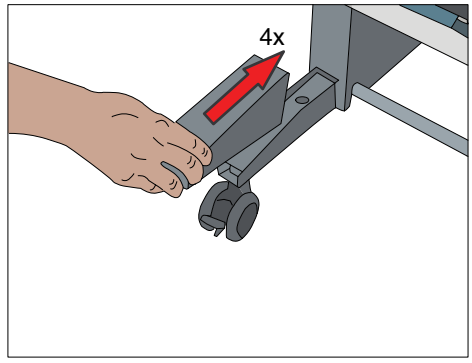
[14]

9. Move the printer from the pallet to its destination.



[15]

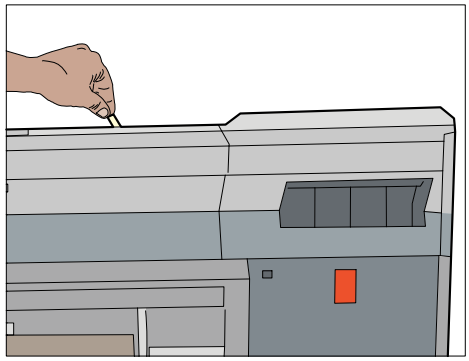
10. Place the covers (included in box D) on the legs of the printer.



[16]

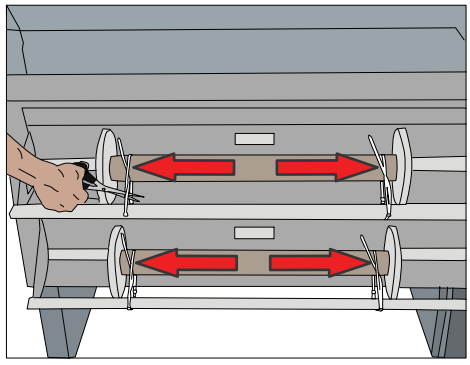
Set up the printer hardware

1. Remove the tape and the foam strips from the printer.



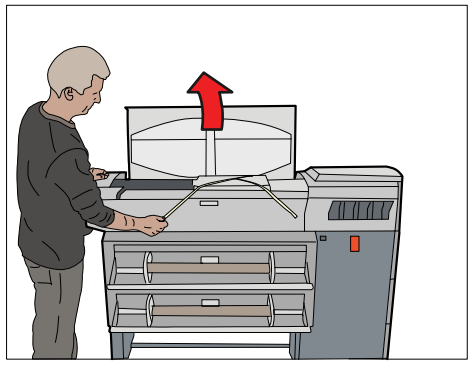
[17]

2. Cut the cable ties on the roll units.



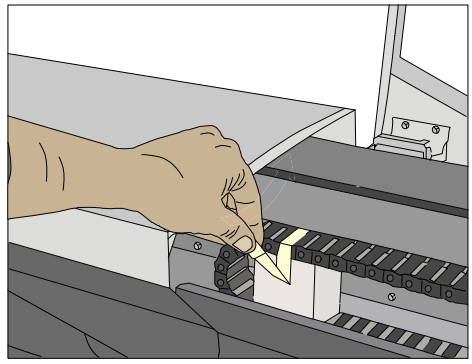
[18]

3. Open the top cover and remove the tape from the 'carriage unit'.



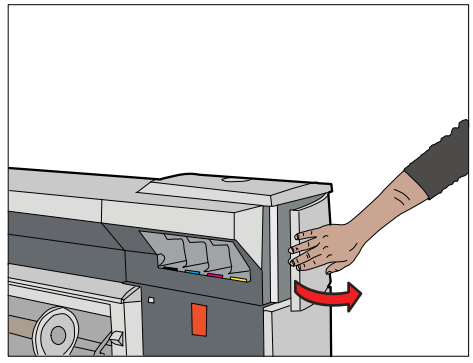
[19]

4. Remove the foam block from the left-hand side of the cable guide.



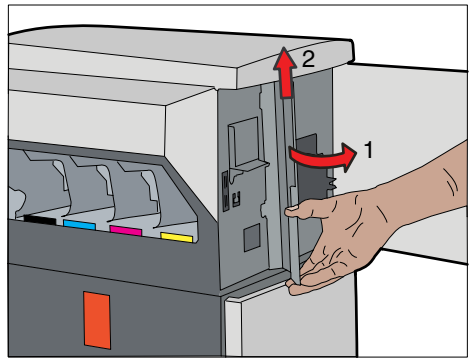
[20]

5. Open the maintenance door.



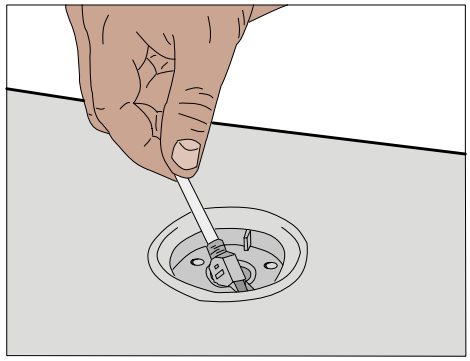
[21]

6. Open (1) the small inner cover and lift (2) the cover to remove it.



[22]

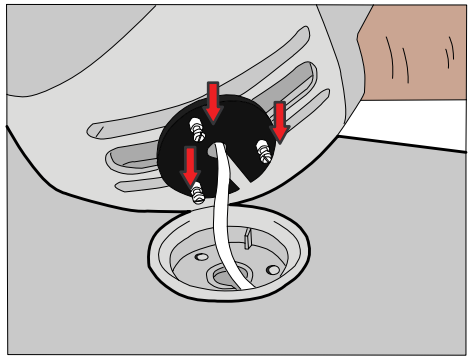
7. Unpack the printer operator panel (included in box D). Guide the cable of the printer operator panel through the opening in the cover.



[23]

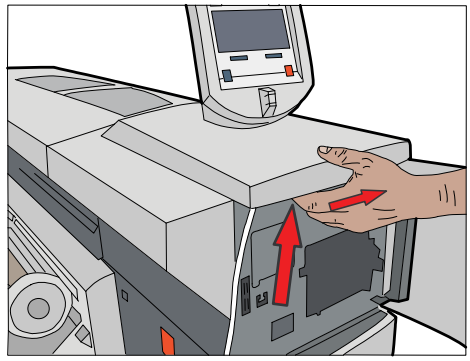
8. Place the printer operator panel on the cover.

Note:
Carefully check the correct position of the operator panel. There is a notch that must fit in the correct slot.



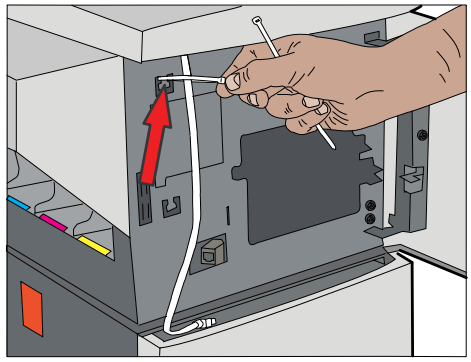
[24]

9. Pull out the cable of the printer operator panel and lock the printer operator panel with the green handle at the inner side of the cover. Move the handle from left to right.



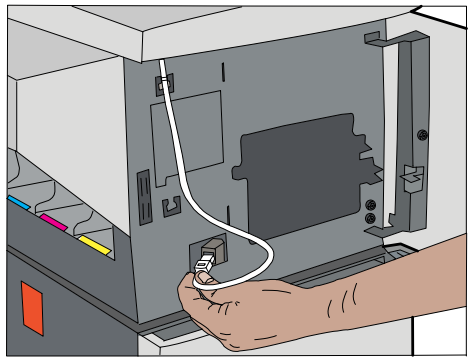
[25]

10. Fasten the cable with one of the cable ties (included in box D).



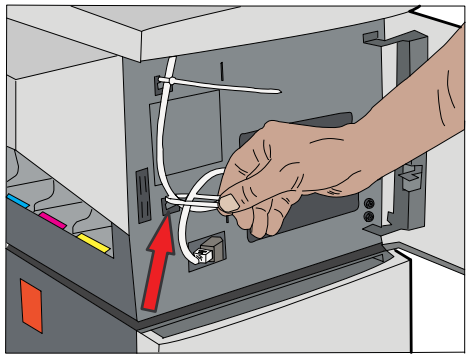
[26]

11. Connect the cable to the connector.



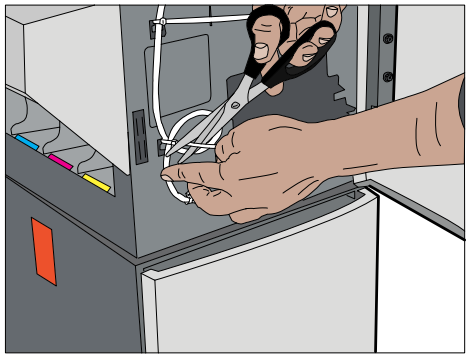
[27]

12. Create a loop in the cable and lock the cable with the second cable tie (included in box D).



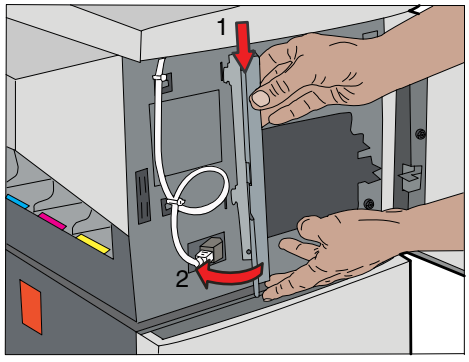
[28]

13. Use the pair of scissors to shorten the cable ties.



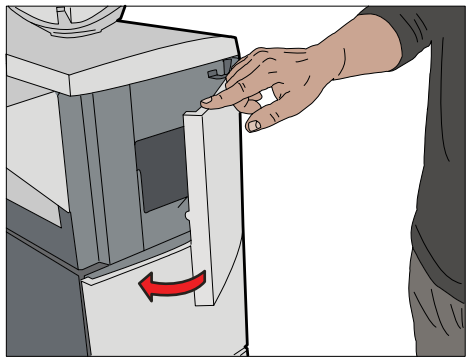
[29]

14. Put the small inner cover back in place (1, 2).



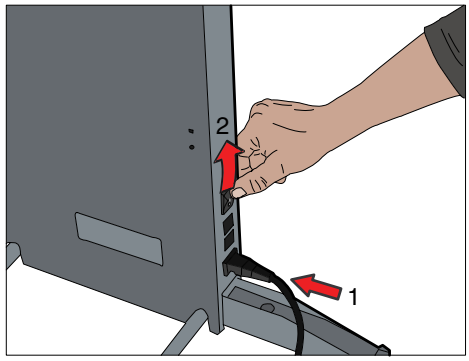
[30]

15. Close the maintenance door.



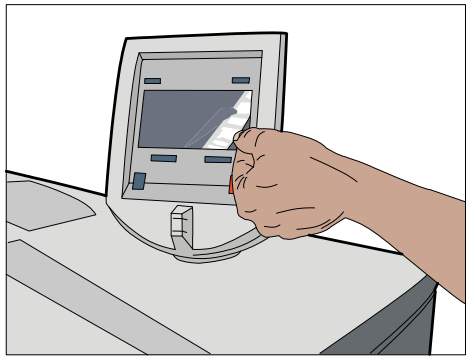
[31]

16. Connect the power cable to the printer (1) and switch on the printer (2).



[32]

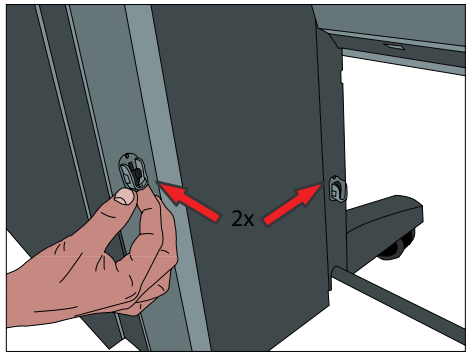
17. Remove the protective tape of the User Interface. (Use a piece of adhesive tape. Put it in one of the corners of the protective tape and pull gently).



[33]

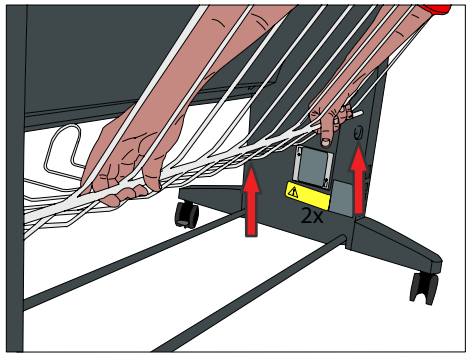
18. Unpack the integrated receiving tray and the plastic tray supports (included in box A).

Place the 4 PE tray supports at the indicated positions (2 on the left-hand side, 2 on the right-hand side).



[34]

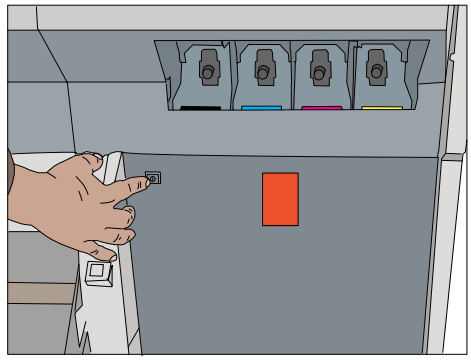
19. Place the integrated receiving tray in the 4 tray supports. Push the rack down until you feel a click.



[35]

Set up the ink system of the printer

1. **Switch on the printer.**



[36]

2. **Place the maintenance cassette** (included in box D).
Wait until the following message appears on the screen of the printer operator panel. Then follow the instructions in the wizard.

Note:
Carefully read the messages on the screen. If required, follow the instructions and press the indicated upper or lower softkey to continue. In this case, for example, you must press the lower right-hand softkey to go to the next step.

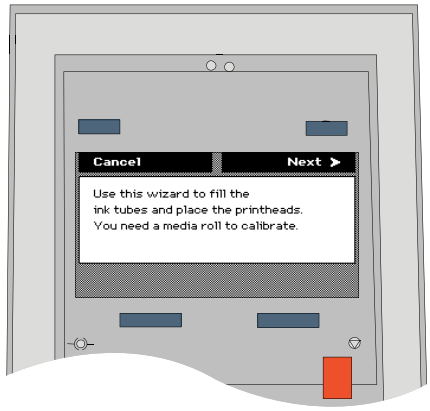
3. **Place the ink tanks** (included in box D).

Wait until the following message appears on the screen of the printer operator panel. Then follow the instructions in the wizard.

The ink is automatically filled into the printer (duration approximately 3 minutes).

4. **Place the media roll and automatically fill the ink tubes.**

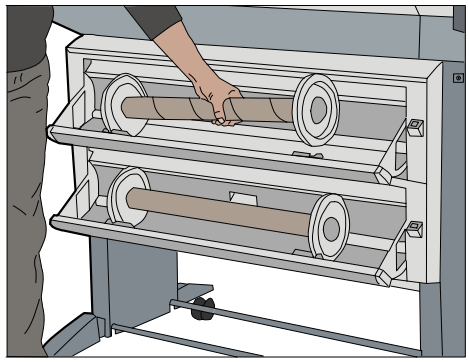
Wait until the following message appears on the screen of the printer operator panel.



[39]

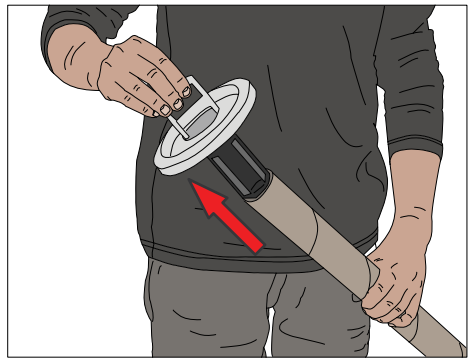
Unpack the media roll (included in box C).

Take out the media roll holder.



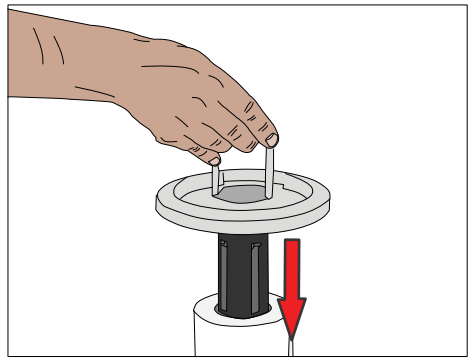
[40]

Lift the handles and remove both flanges.



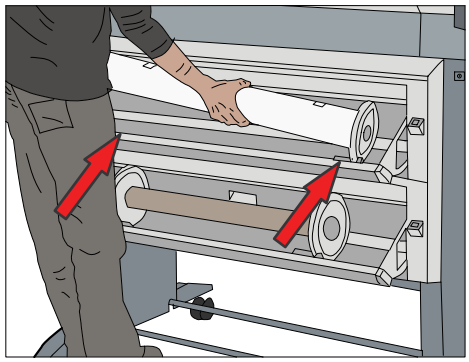
[41]

Insert the flanges **as far as possible** into both ends of the media roll.
Press the handles down to fasten the flanges.



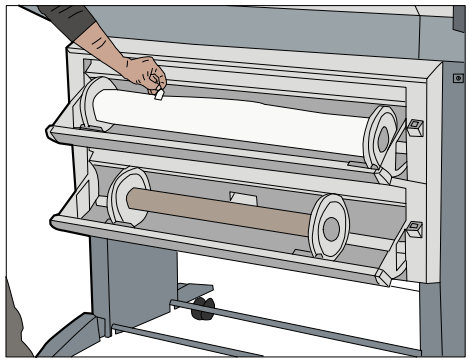
[42]

Put the media roll holder back in the saddles.



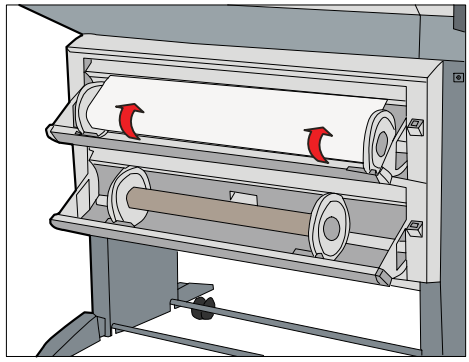
[43]

Remove the tape from the media.



[44]

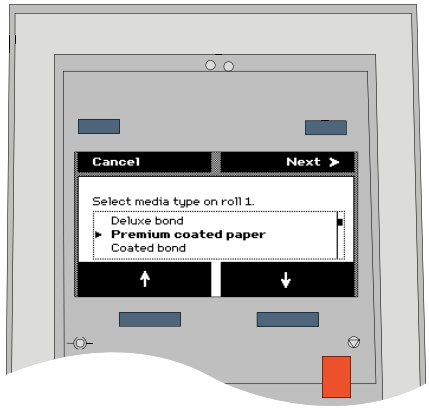
Feed the media into the printer.
The printer automatically draws the media in the correct position.



[45]

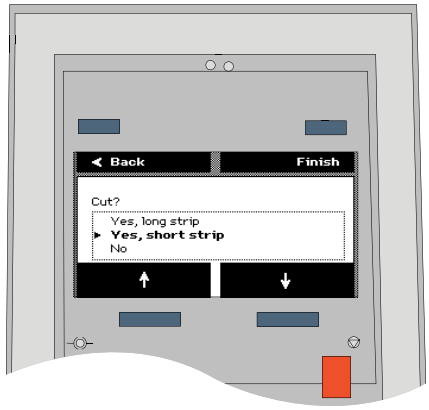
Select: **media type**.

Note:
The media type is mentioned on the sticker at the top of the media box C.



[46]

Select: **Yes, short strip**.



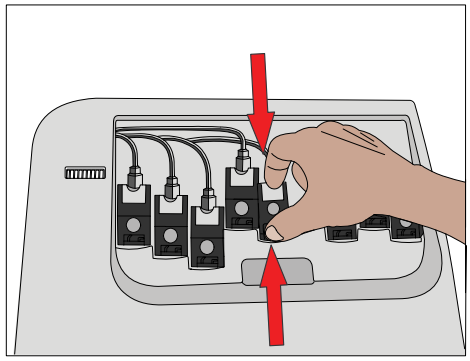
[47]

5. **Place the printheads.**

Please wait 5 minutes. The ink tubes are filled automatically. Do not continue until the following message appears on the screen of the printer operator panel.

[48]

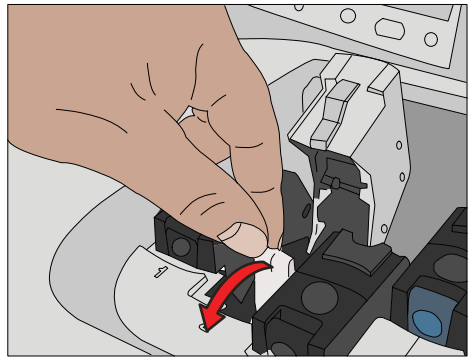
Open the printhead covers.



[49]

Remove the 9 dummy printheads and put them in a plastic bag.

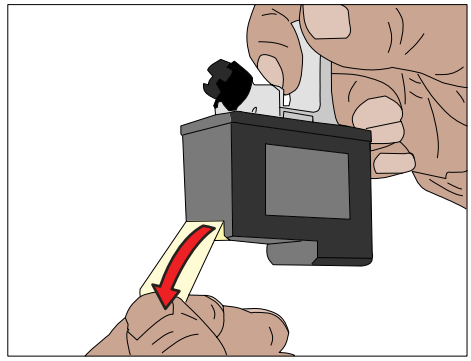
Note:
Be careful: although the risk is negligible, watch out for ink contamination.



[50]

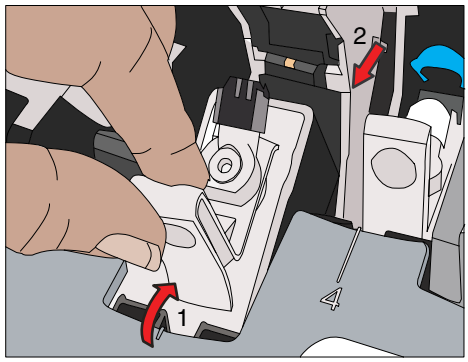
Unpack the printhead.
Remove the tape from the printhead.

Note:
Always hold the printhead as indicated below to prevent damage of the printhead.



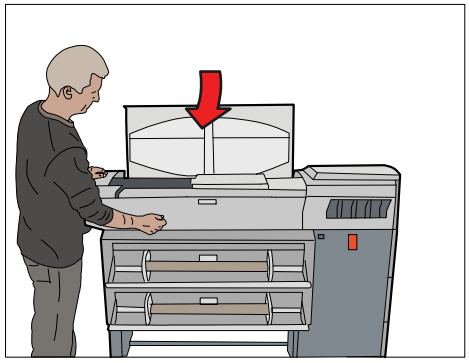
[51]

Insert the printhead in the correct color position and close the printhead cover.



[52]

Repeat this procedure until all 9 printheads are in the correct position.
Close the top cover and follow the instructions in the wizard.



[53]

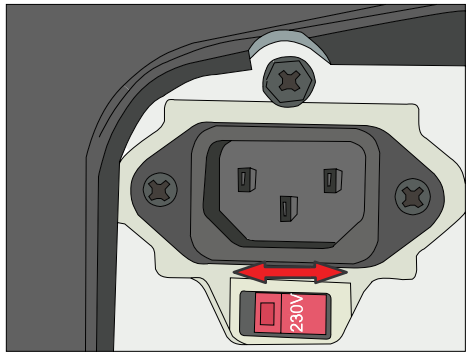
The printer cuts the media and starts the printhead check procedure.

6. Wait until the following message appears on the screen of the printer operator panel.

[54]

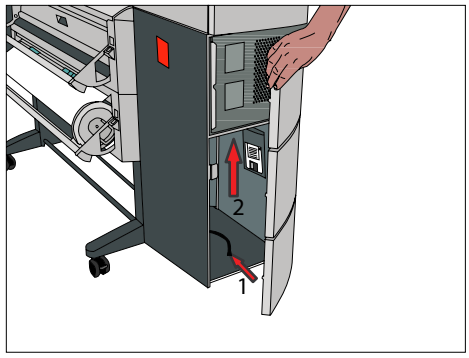
Connect to the Océ Power Logic® controller

1. Unpack the Océ Power Logic® controller (included in box B).
   Check the voltage indication on the back side of the Océ Power Logic® controller, next to the power plug (115V/230V). If required, set the voltage indication to the correct value for your country.



[55]

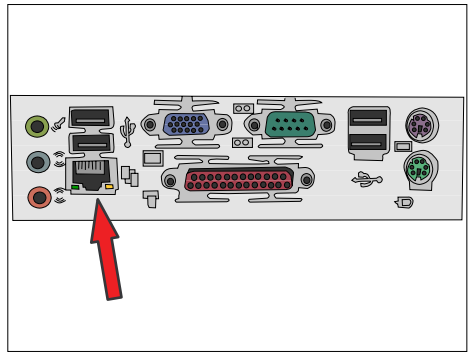
2. Open the controller door to get access to the controller area.



[56]

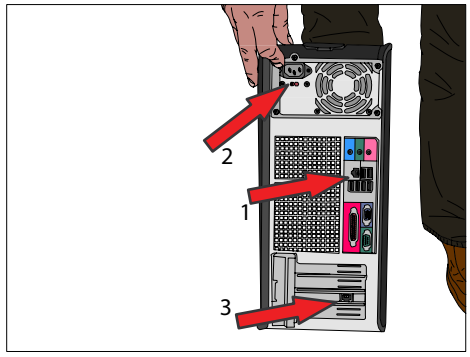
Inside the controller area you will find the power cable (1) for the Océ Power Logic® controller and the electronic box of the printer (2).

3. Connect one side of the crossed data cable (UTP cable with a RJ45 connector, included in box B) to the indicated network connection on the electronic box of the printer.



[57]

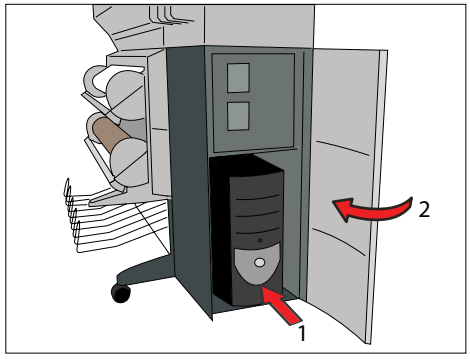
4. Connect the other side of the crossed data cable to network connection 1 on the system board on the backside of the Océ Power Logic® controller.
   Plug in the power cable at connection 2.
   Connect your company network to the Océ Power Logic® controller via network connection 3.



[58]

5. Slide the controller into place (1), **switch on the controller** and and close the door (2).

Put the Microsoft® Certificate of Authenticity for Windows XP embedded® sticker on the right-hand inner plate of the printer, below the integrated receiving tray. (See also the figure in step 19 of the subsection **Set up the printer hardware**).



[59]

6. When the following message appears on the screen of the printer operator panel, your printer is ready for use.

[60]

7. You can now integrate the Océ TCS300 system in the network and complete the printer configuration.

Integrate the Océ TCS300 system in the network

Introduction

To integrate your Océ TCS300 in a network you must configure the network settings in two main steps.

1. From the printer operator panel.
   The off-line screen on the printer operator panel contains a wizard to configure the network settings.
2. In the Océ Settings Editor (System Administrator settings).
   The Océ Settings Editor allows you to configure a large number of system settings.

Purpose

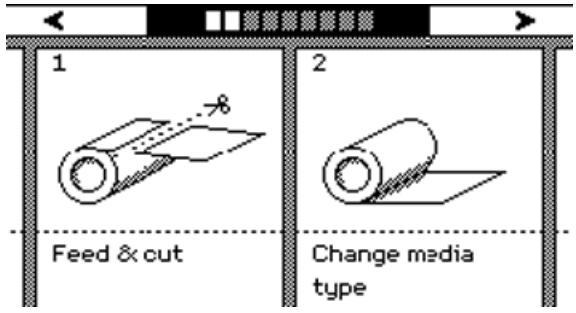
This section provides information on how to integrate the Océ TCS300 system in a small network.

Before you begin

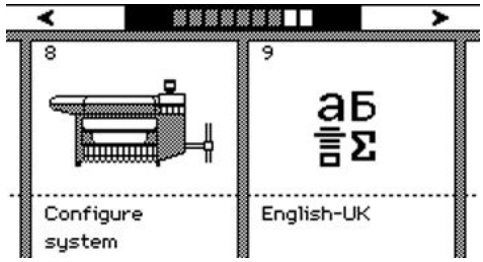
If you integrate the printer according to a network policy, contact your network administrator to get information about the network infrastructure and parameters.
As a network administrator, refer to the **Océ TDS/TCS Connectivity Manual** (available on CD delivered with your system) to get information about the different network infrastructures and configurations.

Step 1: Retrieve and configure the network settings from the printer operator panel

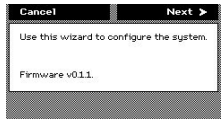
1. On the printer operator panel, press the off-line key (lower left-hand softkey) to put the printer off-line. The green LED is turned off.



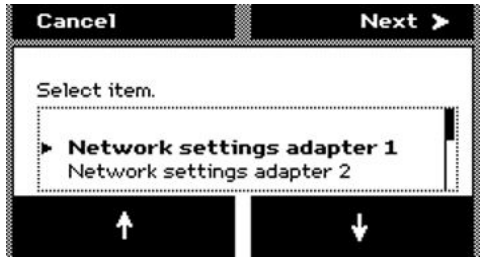
2. Press the upper right-hand softkey to go through the menu to item 8: 'Configure system'.



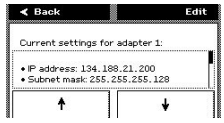
3. Press the lower softkey to select 'Configure system'. This action opens the wizard.



4. Press the upper right-hand softkey to select 'Next'.
'Network settings adapter 1' is highlighted.



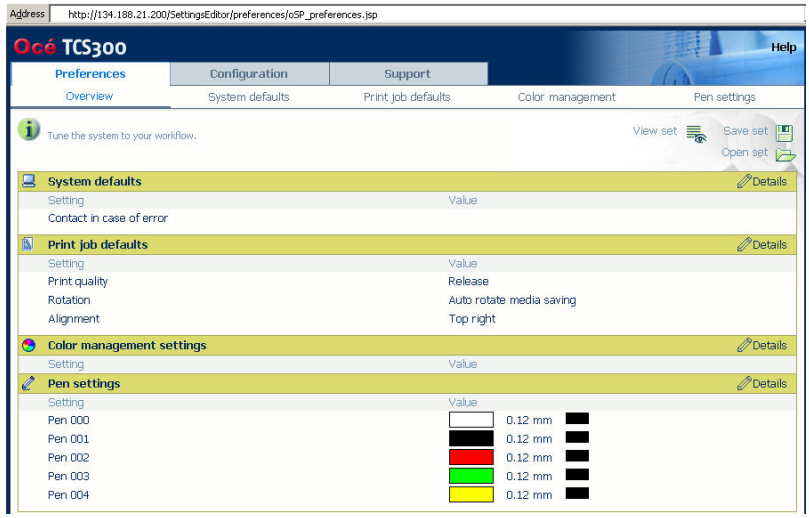
5. Select 'Next'. The current settings for adapter 1 are displayed.



6. Record the IP address (e.g. 134.188.21.200). You will use it to access the Océ Settings Editor and complete the configuration:
   - If no specific network policy must be applied, follow the procedure below (step 2).
   - If the IP address does not match the IP address declared in the network infrastructure, select 'Edit' and follow the procedure to change it. Fill in all the network parameters with information provided by your your network administrator (DHCP, IP address, Subnet mask, Default gateway, DNS, WINS...). The procedure is described in the Océ TCS300 User Manual.
     Once finished, follow the procedure below (step 2).

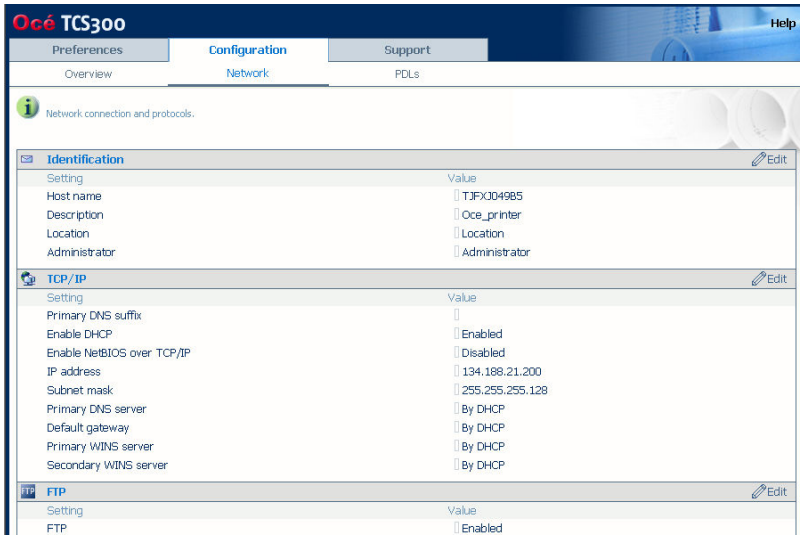
Step 2: Complete the printer configuration in the Océ Settings Editor (from a workstation)

1. Open a web browser on a workstation connected to the network.
2. Enter the following URL : 'http://<TCS300 IP address>' (e.g. 134.188.21.200) to access the Océ TCS300 Settings Editor.

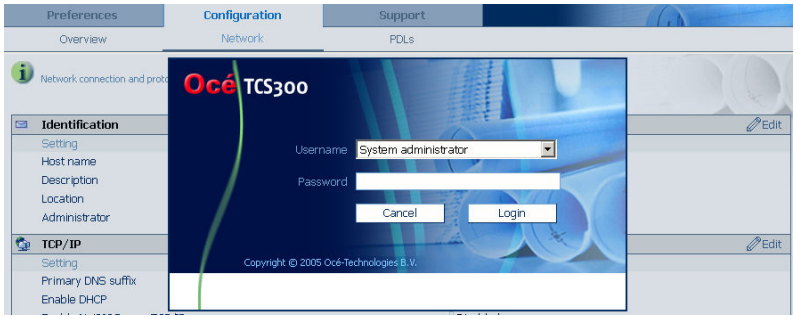


Note:
If the Océ TCS300 Settings Editor does not appear, contact your network administrator to check the network parameters and to check if the Océ TCS300 network settings have been registered in the network infrastructure.

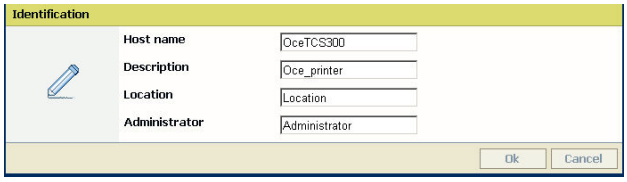
3. Select **Configuration - Network**.



4. In the 'Identification' section, click 'Edit'.

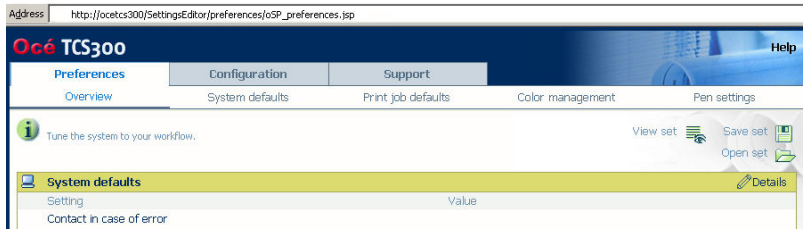


5. Log on as System administrator using the password 'SysAdm'.
6. Once logged in, enter the printer 'Host name' (e.g. OceTCS300) in the 'Identification' window, in order to address the Océ TCS300 using its 'Host name'. You can define the other settings if needed. Restart is required.

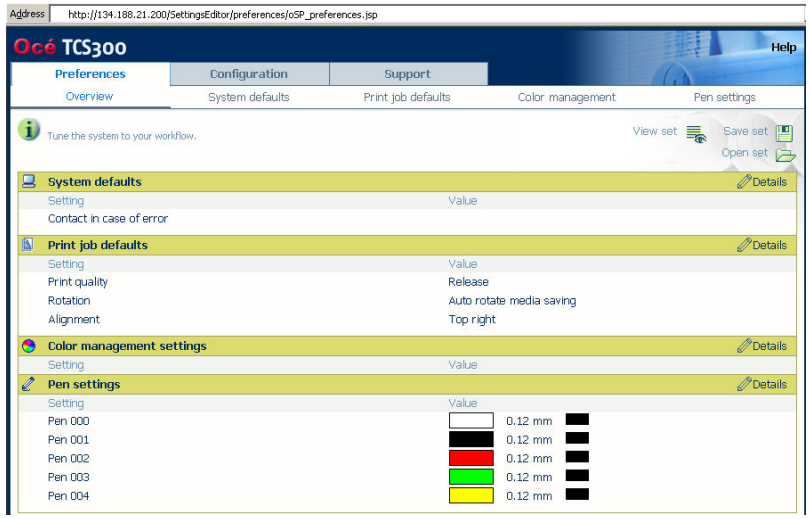


7. Turn the printer off and on to restart the Océ Power Logic® controller.
8. Wait until the system is ready again.
9. Enter the following URL : 'http://<TCS300 Hostname>' (e.g. OceTCS300) in the workstation web browser:

- If an error page ('Page cannot be displayed') appears, you must activate the 'Enable NetBIOS over TCP/IP' setting. Go to step 10 and follow the procedure.
- If the Océ Settings Editor opens (illustration below) the printer is integrated on the network and ready for use.
  You can refer to the Océ TCS300 User Manual for further information on the best way to use your system.

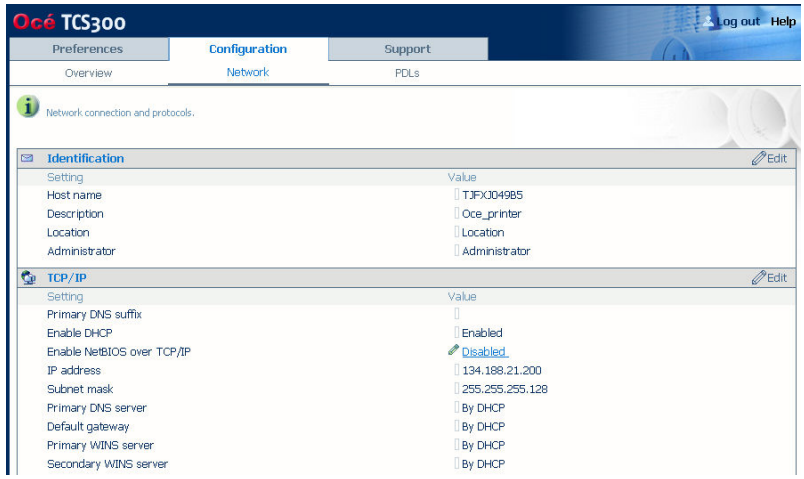


10. Enter the URL : 'http://<TCS300 IP address>' (e.g. 134.188.21.200) to open the Océ TCS300 Settings Editor.

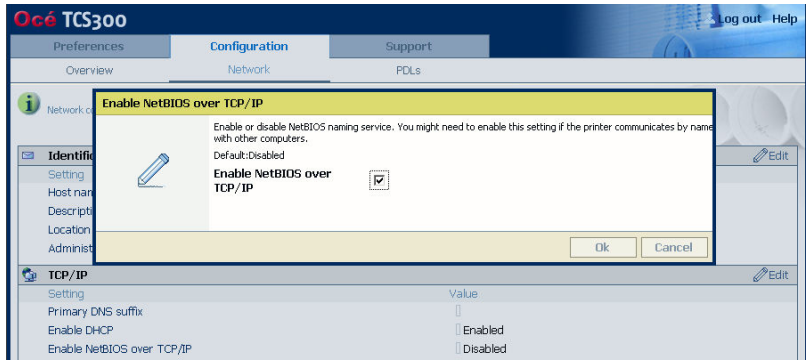


11. Select **Configuration - Network**.

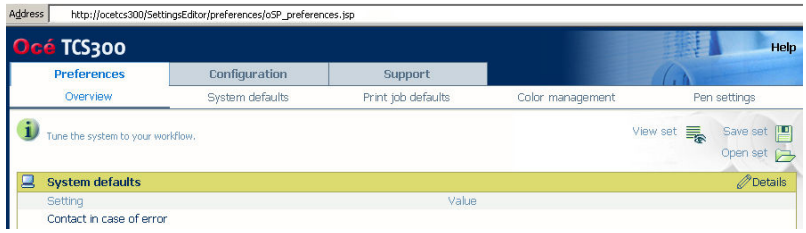
12. In the 'TCP/IP' section, select the 'Enable NetBIOS over TCP/IP' setting and click 'Disabled' to edit the setting.



13. Log on as System administrator using the password 'SysAdm'.
14. In the 'Enable NetBIOS over TCP/IP' window, check the box and click Ok.



NetBIOS over TCP/IP is now 'Enabled'.

15. Wait 1 minute and enter the following URL: 'http://<TCS300 Hostname>' (e.g. OceTCS300) in the web browser.
    If:
    - An error page ('Page cannot be displayed') appears, contact your network administrator to check the Host name and the other web browser security and network settings. Refer to the Océ TDS/TCS Connectivity Manual, 'Chapter 2 - Windows TCP/IP environment' to find technical information about the Océ TCS300 integration on a network.

- The Océ Settings Editor opens, the printer is integrated on the network and ready for use.
  You can refer to the Océ TCS300 User Manual for further information on the best way to use your system.